

What is claimed is:

1. An electrocardiogram diagnostic chest pad comprising:
 - a base pad comprised of a lightweight material and having a central body portion, a central fit portion extending from the central body portion, a plurality of upper fit portions, and a plurality of lower fit portions;
 - a first set of a plurality of electrodes attached to said base pad, each of said first set of plurality of electrodes being connected to a lead capable of conducting electric signals and each said lead embedded with the base pad material and terminating at a first lead bundle having a plug adapted input to an ECG monitor;
 - a second set of a plurality of electrodes attached to said base pad, each of said second set of plurality of electrodes being connected to a lead capable of conducting electric signals and each said lead passing through the base pad material and terminating at a second lead bundle having a plug adapted input to an ECG monitor; and
 - a perforation in the material of the base pad between the first set of plurality of electrodes and the second set of plurality of electrodes,

whereby the chest pad can be used as a whole or separated into two distinct sections for varying ECG measurement and monitoring functions.

2. The electrocardiogram diagnostic chest pad of Claim 1 further comprising a first and second upper fit portion and a first and second lower fit portion.
3. The electrocardiogram diagnostic chest pad of Claim 2 wherein said first set of plurality of electrodes comprises a first electrode on said first upper fit portion, a second electrode on said second upper fit portion, a third electrode on said central body portion, a fourth electrode on said first lower fit portion and a fifth electrode on said second lower fit portion.
4. The electrocardiogram diagnostic chest pad of Claim 2 wherein said second set of plurality of electrodes comprises first and second electrodes on said central body portion, and third, fourth and fifth electrodes on said central fit portion.
5. The electrocardiogram diagnostic chest pad of Claim 1 wherein each of the first and second sets of electrodes further comprise a solid metal stud embedded within a silver/silver chloride conductor gel.

6. The electrocardiogram diagnostic chest pad of Claim 1 further comprising a plurality of pacer pads, each of said plurality of pacer pads being connected to a lead embedded within the material of the base pad and terminating in a plug bundle adapted for connection to a pacer control instrument.
7. The electrocardiogram diagnostic chest pad of Claim 6 further comprising a perforation in the material of the base pad between the first set of plurality of electrodes and the second set of plurality of electrodes.
8. The electrocardiogram diagnostic chest pad of Claim 1 wherein the base pad further comprises an external side and a patient contact said and said patient contact side further comprises a plurality of adhesive portions, each containing a removable backing, whereby a health care professional can remove the removable backing, expose each adhesive portion and adhere the chest pad to a patient.
9. The electrocardiogram diagnostic chest pad of Claim 2 wherein the base pad is radiologically transparent to x-rays.
10. The electrocardiogram diagnostic chest pad of Claim 1 further comprising a plurality of defibrillator pads.

11. The electrocardiogram diagnostic chest pad of Claim 10 further comprising a perforation between the base pad and each of the plurality of defibrillator pads.
12. The electrocardiogram diagnostic chest pad of Claim 10 wherein each of the plurality of defibrillator pads further comprises a flexible solid conductor gel.
13. An electrocardiogram diagnostic chest pad comprising:

a base pad comprised of a lightweight, breathable material and having a central body portion, a central fit portion extending from the central body portion, first and a second upper fit portions extending aslant upwards from said central body portion and away from each other and first and second lower fit portions extending aslant downwards from said central body portion and away from each other;

a first set of electrodes attached to said base pad, comprising a first electrode on said first upper fit portion, a second electrode on said second upper fit portion, a third electrode on said central body portion, a fourth electrode on said first lower fit portion and a fifth electrode on said second lower fit portion, each of said first set of electrodes being connected to a lead capable of conducting electric signals

and each said lead embedded with the base pad material and terminating at a first lead bundle having a plug adapted input to an ECG monitor;

a second set of electrodes attached to said base pad comprising first and second electrodes on said central body portion, and third, fourth and fifth electrodes on said central fit portion, each of said second set of electrodes being connected to a lead capable of conducting electric signals and each said lead passing through the base pad material and terminating at a second lead bundle having a plug adapted input to an ECG monitor; and

a perforation in the material of the base pad between the first set of electrodes and the second set of plurality of electrodes,

whereby the chest pad can be used as a whole or separated into two distinct sections for varying ECG measurement and monitoring functions.

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